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IFIP/ICC VOCABULARY OF INFORMATION PROCESSING

FIRST ENGLISH LANGUAGE EDITION

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THE NEED FOR A MULTILINGUAL GLOSSARY OF THE TERMS USED IN THE INFORMATION-PROCESSING FIELD became apparent during preparation of the UNESCO-sponsored International Conference for Information Processing which was held in Paris in June 1959. Rapid development in all branches of this subject has resulted in a profusion of books and papers in many languages, and an extensive body of specialised terminology.

A joint Committee of the International Federation for Information Processing and the International Computation Centre has prepared this Vocabulary as an aid to all those, whether expert or novice, who have to do with the specialised terms and concepts of information processing.

THE IFIP/ICC VOCABULARY OF INFORMATION PROCESSING

- (a) assists the novice to understand what he reads or hears by providing explanations of the terms in common use by the specialists of information processing, and shows how the concepts to which these terms refer are related to one another;
- (b) guides the expert in making the correct choice of term by which to express a given concept, and clarifies the distinctions and similarities between concepts;
- (c) provides the translator with the means to select the correct equivalent for a term in a foreign language.

The Vocabulary will be published in one volume for each language; its construction has been based not on terms, which differ from one language to another, but on concepts, which are international.

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The joint IFIP/ICC Terminology Committee has prepared this Vocabulary in the belief that rationalisation and standardisation of terminology are essential if communication between workers in information processing is not to be stultified, and in the hope that all who use the Vocabulary will do what they can to further the work.

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BOOKS ON INFORMATION PROCESSING

COMPUTER PROGRAMMING AND FORMAL SYSTEMS

Editors: P. BRAFFORT, D. HIRSCHBERG

168 pages \$ 5.60

This book is a product of two seminars held in the IBM World Trade European Education Center of Blaricum (Holland) in 1961, the first of which was dedicated to a general survey of non-numerical applications of computers whereas the second was more specifically concerned with some aspects of the theory of formal systems.

INFORMATION PROCESSING 62

Editor: C. M. POPPLEWELL

796 pages \$ 46.00

One of the purposes of the IFIP Congress 62, and of these official Proceedings, was to provide scientists in the information-processing field and associated disciplines with an opportunity to learn, first-hand, about the work which is done in this rapidly-developing field. The result is a comprehensive survey of the most significant advancements and ideas in all areas of the broad field of information science and technology.

In preparation

FORMAL LANGUAGE DESCRIPTION LANGUAGES

Editor: T. STEEL

Proceedings of the IFIP Working Conference on Formal Language Description Languages, held in Vienna, Autumn 1964.

About North-Holland

THE BOARD OF THE ROYAL NETHERLANDS ACADEMY OF SCIENCES decided in the early thirties, that the work involved in distributing the proceedings and other publications of the Academy was too time consuming and could better be dealt with by a publishing house. This decision led in 1931 to the founding of the NORTH-HOLLAND PUBLISHING COMPANY.

These were the years of the great depression and the activities of the Company were at first restricted to the sales of the Academy's publications and to the publishing of doctoral theses and other subsidized books.

In 1937, the Company decided to extend its activities by starting to build up its own list of books, all of an advanced scientific nature and written in English. The first contracts were soon concluded, but it was 1939 before the manuscripts were ready. However, the outbreak of World War II and the subsequent occupation of The Netherlands put a temporary stop to any publishing activities in the English language.

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In the years between 1956 and 1960 three important international journals in the field of Nuclear Physics were started. In 1963 these three journals comprised over 10 000 pages.

In 1963 three more new international journals were added to the Company's list and a new series of monographs has been started in the field of economics under the title "**Studies in Mathematical and Managerial Economics**".

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More than fifty International Congresses have entrusted the publication of the proceedings of their meetings to the Company.



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